LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
Data File : VV015913.D
Acq On : 06 May 2020 16:30
Operator : SY/MD
Sample : L2527-02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSH9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	20	rVB	125012	115768	22.55%	2.226%
2	1.312	60	69	79	rBV	75410	78401	15.27%	1.507%
3	1.576	144	151	166	rBV	64741	75022	14.61%	1.442%
4	2.119	309	320	335	rBV	118181	174823	34.05%	3.361%
5	2.782	513	526	543	rBV3	7086	15777	3.07%	0.303%
6	3.061	600	613	632	rVB3	11533	25189	4.91%	0.484%
7	3.791	825	840	857	rBV4	10324	27352	5.33%	0.526%
8	3.930	869	883	917	rBV3	60141	243328	47.40%	4.678%
9	4.103	926	937	969	rVB	46118	131317	25.58%	2.525%
10	4.376	1005	1022	1056	rBV	93950	252499	49.18%	4.854%
11	5.074	1222	1239	1272	rBV2	204841	513400	100.00%	9.870%
12	5.643	1404	1416	1437	rBV	183359	370857	72.24%	7.130%
13	5.929	1496	1505	1516	rBV5	2642	5263	1.03%	0.101%
14	6.093	1536	1556	1579	rBV	122242	251511	48.99%	4.835%
15	6.492	1668	1680	1709	rBV	46843	99641	19.41%	1.916%
16	7.010	1827	1841	1864	rBV2	56346	105882	20.62%	2.036%
17	7.338	1931	1943	1963	rBV	251871	435006	84.73%	8.363%
18	7.643	2029	2038	2061	rBV2	34503	61745	12.03%	1.187%
19	7.962	2123	2137	2152	rBV	38511	69840	13.60%	1.343%
20	8.113	2174	2184	2221	rBV	245677	493913	96.20%	9.495%
21	8.875	2407	2421	2443	rBV	284385	467170	91.00%	8.981%
22	10.238	2834	2845	2860	rBV	79146	125032	24.35%	2.404%
23	10.405	2883	2897	2908	rBV	91480	152722	29.75%	2.936%
24	11.273	3156	3167	3188	rBV	282638	447727	87.21%	8.607%
25	11.646	3271	3283	3301	rBV	242318	386756	75.33%	7.435%
26	12.273	3466	3478	3489	rBV	37910	61224	11.93%	1.177%
27	16.736	4857	4866	4874	rBV4	9827	14456	2.82%	0.278%

Sum of corrected areas: 5201621

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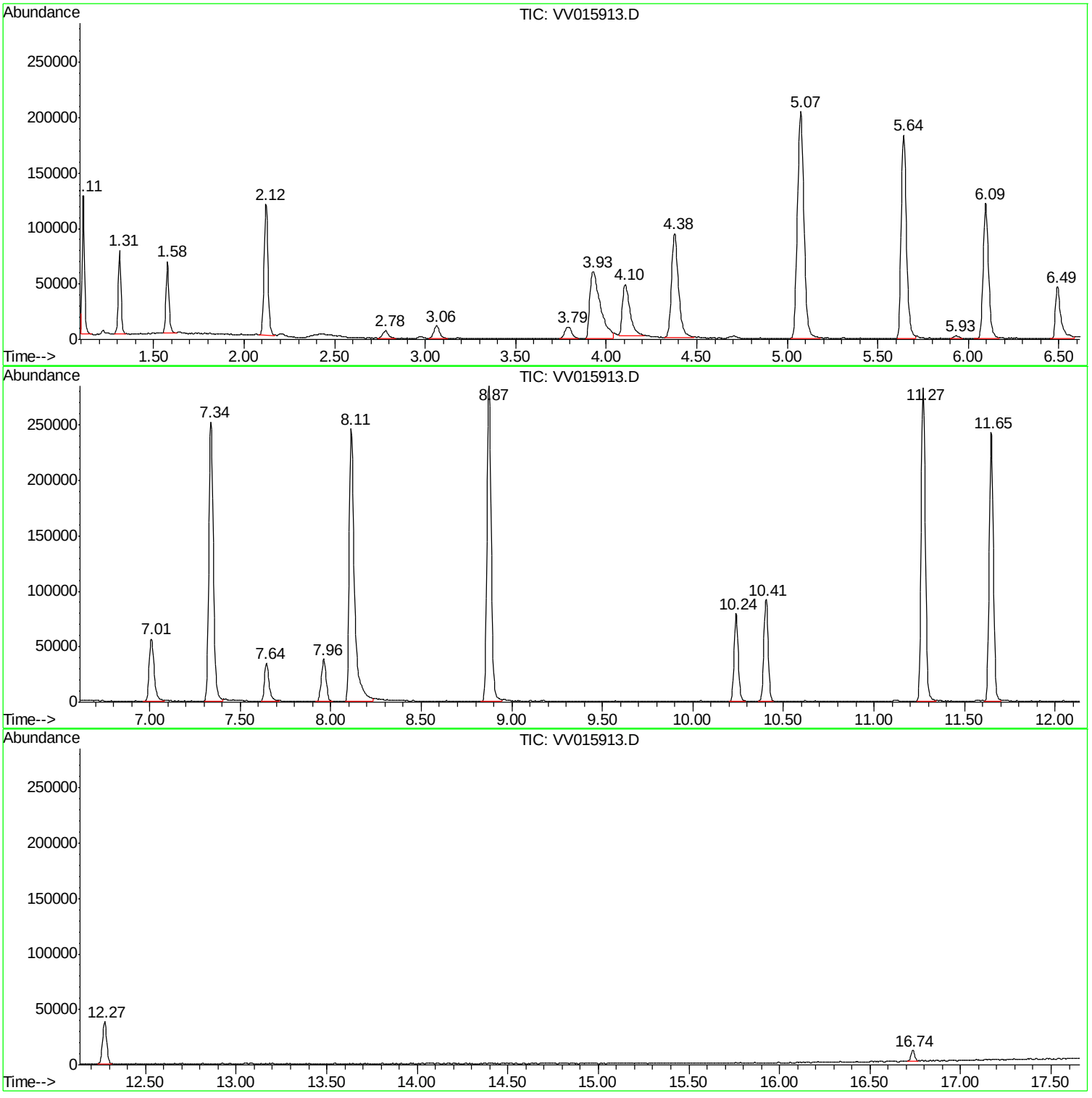
ClientSampleId : BFSH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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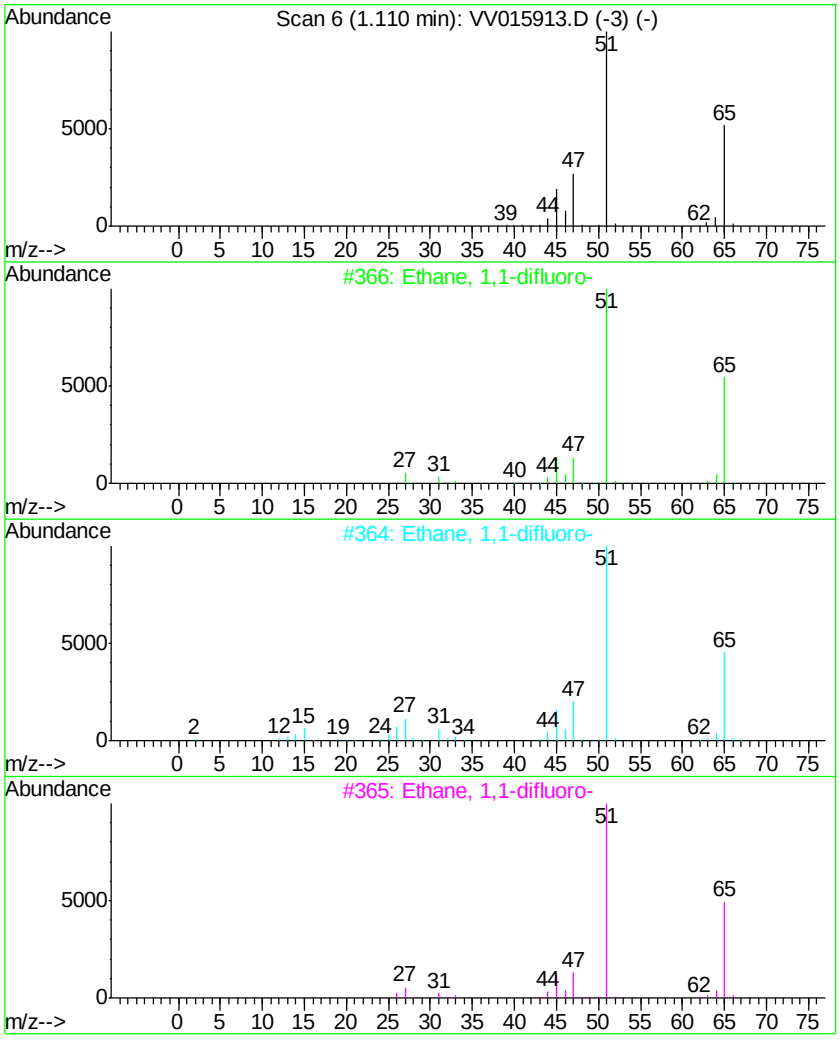
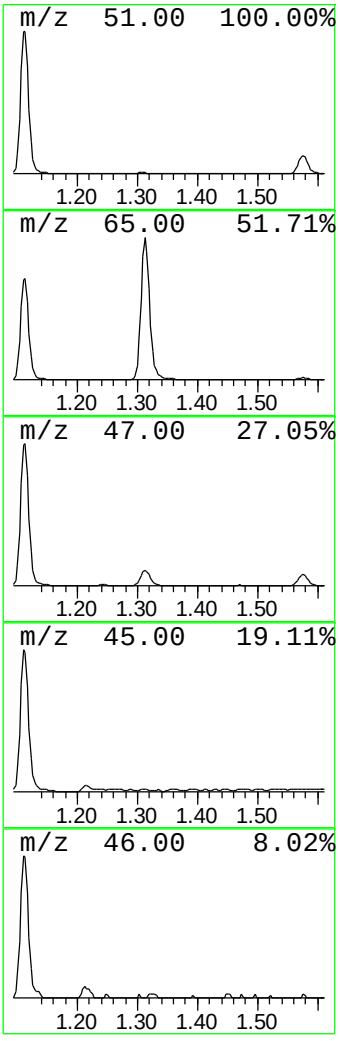
Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.56 ug/L	115768	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId : BFSH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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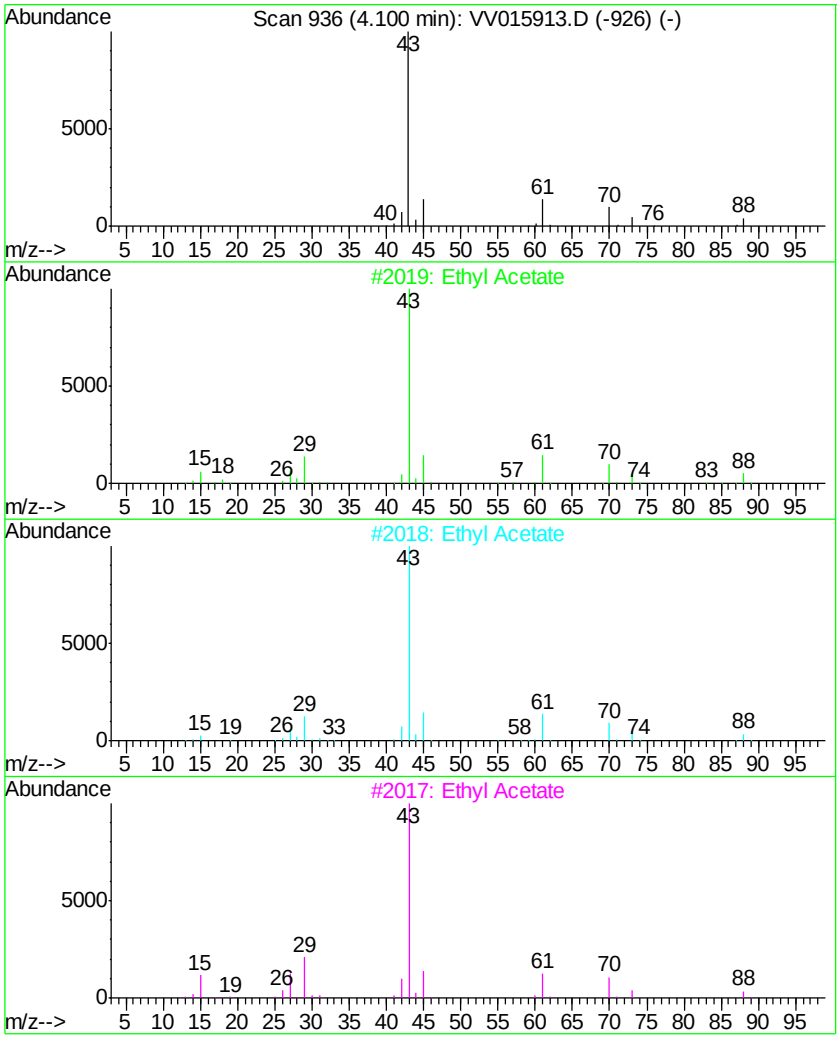
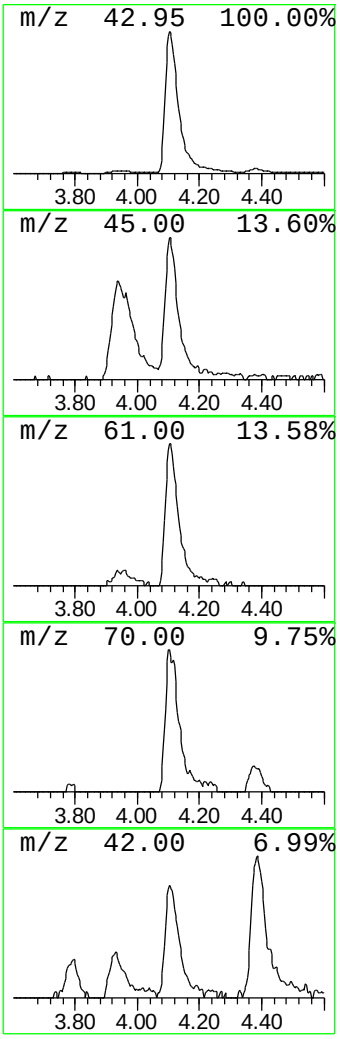
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	1.77 ug/L	131317	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





Library Search Compound Report

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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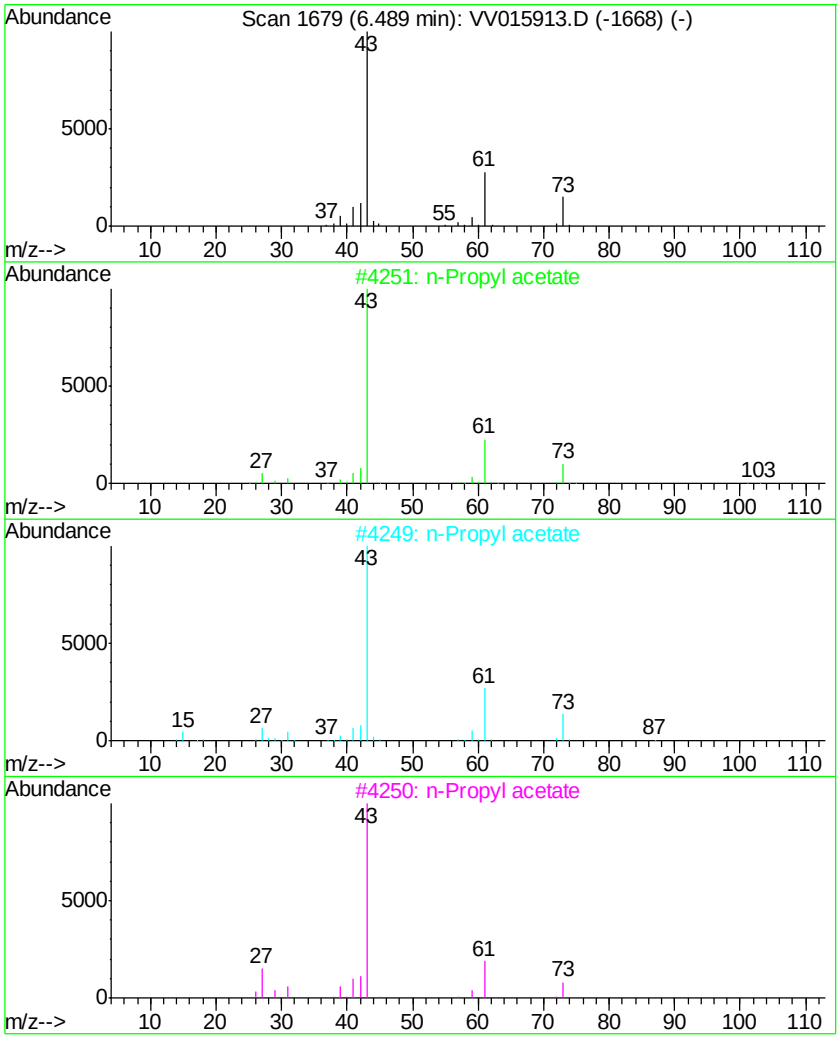
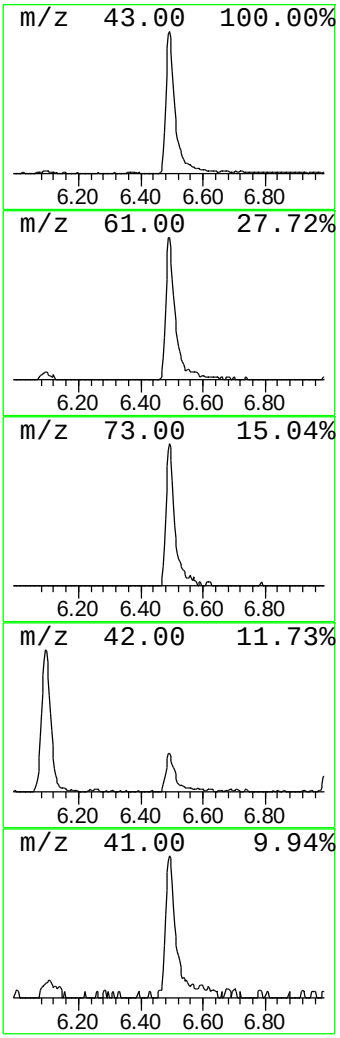
Peak Number 3 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	1.34 ug/L	99641	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	2-Butanone	72	C4H8O	000078-93-3	9
5	Cyclobutylamine	71	C4H9N	002516-34-9	9





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ClientSampleId : BFSH9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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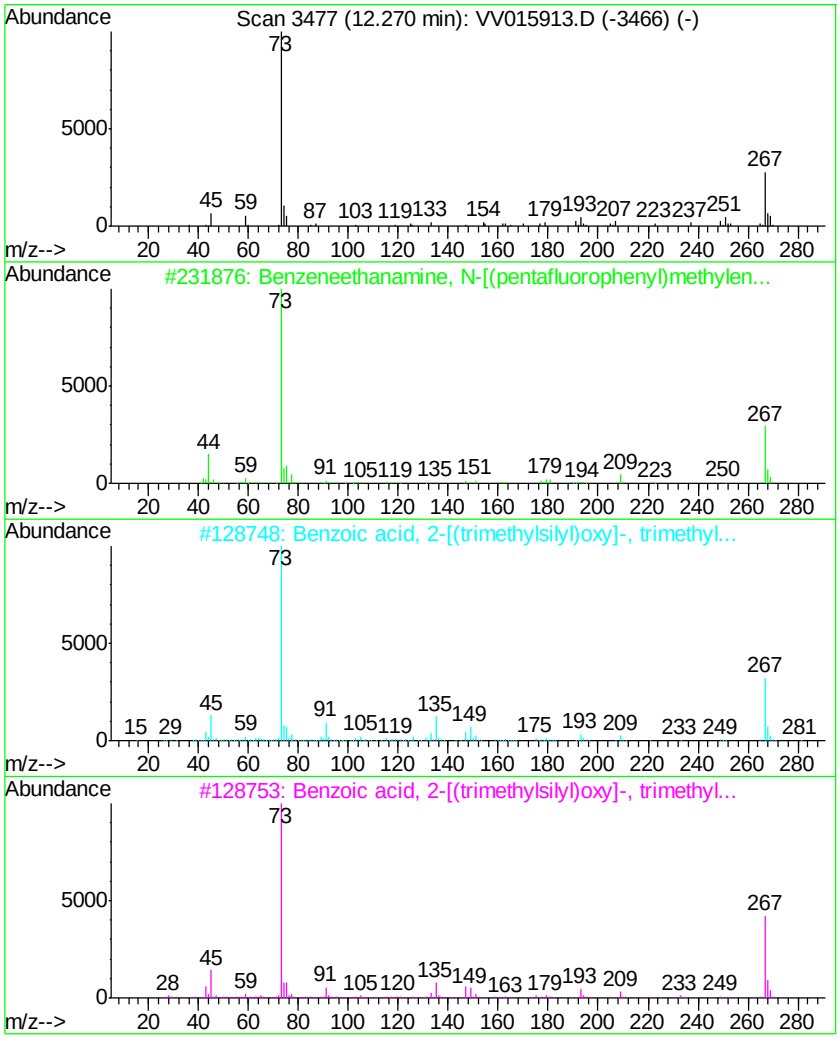
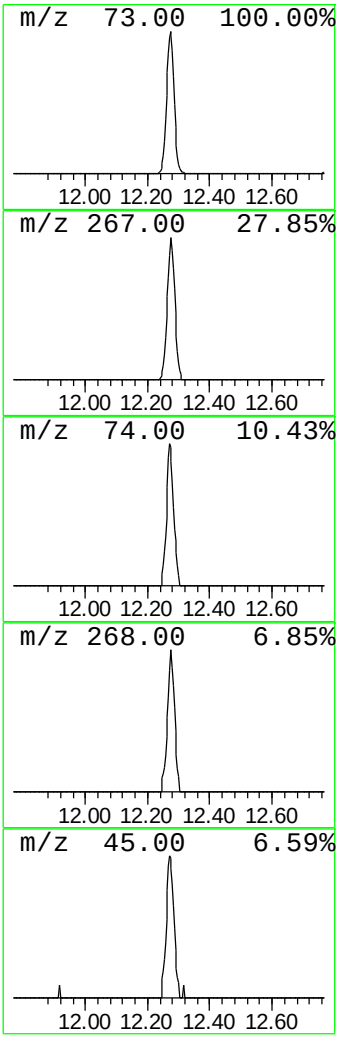
Peak Number 7 Benzeneethanamine, N-[(pent... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	0.68 ug/L	61224	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	59
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	45
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	1.6	ug/L	115768	1	5.64	370857	5.0
Ethyl Acetate	4.10	1.8	ug/L	131317	1	5.64	370857	5.0
n-Propyl acetate	6.49	1.3	ug/L	99641	1	5.64	370857	5.0
Benzeneethanamine...	12.27	0.7	ug/L	61224	3	11.27	447727	5.0